## **EAST Search History**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	23	"5343456"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:26
L2	15	("20010014070"   "20010043800"   "20030237024"   "20040246852"   "5644539"   "5890206"   "5930815"   "6182240"   "6205099"   "6212647"   "6249884"   "6301220"   "6671243"   "6845072"   "7372792"). PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:27
L26	1	11/798009	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L25	70	(((reduc\$4 or decreas \$4) near5 spare near2 area) or ((reduc\$4 or decreas\$4) near5 size near2 spare near2 area)) near20 (direction or opposite or toward or inward or outward or inner or outer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L24	157	(((reduc\$4 or decreas \$4) near2 spare near2 area) or ((reduc\$4 or decreas\$4) near2 size near2 spare near2 area))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L23	6	(((reduc\$4 or decreas \$4) near2 spare near2 area) or ((reduc\$4 or decreas\$4) near2 size near2 spare near2 area)) near20 (direction or opposite or toward or inward or outward or inner or outer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15

L22	48	L21 not L20	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L21	74	(((extend\$4 or reduc\$4 or var\$5 or increas\$4) near2 spare near2 area) or ((extend\$4 or reduc \$4 or var\$5 or increas \$4) near2 size near2 spare near2 area)) near20 (direction or opposite or toward or inward or outward or inner or outer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L20	26	(((extend\$4 or reduc\$4 or var\$5 or increas\$4) near2 spare near2 area) or ((extend\$4 or reduc \$4 or var\$4) near2 size near2 spare near2 area)) near10 (direction or opposite or toward)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L19	18	("5237553"   "5303219"   "5418767"     "5715221"   "6212647"   "6338153"     "6367038").PN. OR ("6477126").URPN.	US-PGPUB; USPAT; USOCR	OR	**************************************	2009/03/15 13:43
L18	40	(primary near2 spare near2 area) same (secondary near2 spare near2 area)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L17	53	L14 not (L15 or L12)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L16	31	L15 not L12	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L15	225	(L7 same L9) same (size or allocat\$4 or length)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L14	369	(L7 same L9)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43

L13	22	L12 not L11	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L12	285	(L7 near20 L9)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L11	263	(L7 near10 L9)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L10	191	(L7 and L9) and (L5 or L6)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L9	2482	(spare adj area) or ((sub or substitute or subsequent or secondary) adj spare adj area)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L8	191	L7 and (L5 or L6)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L7	41457	((temporary or interim) near2 (disk or disc or defect) near2 management near2 area) or TDMA or IDMA	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L6	1	((JUNG-WUN) near2 (KO)).INV.	US-PGPUB; USPAT	OR	ON	2009/03/15 13:43
L5	307	((SUNG-HEE) near2 (HWANG)).INV.	US-PGPUB; USPAT	OR	ON	2009/03/15 13:43
L4	16	"20020159382" "7002882"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43
L3	1	10/573997	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/03/15 13:43

## 3/15/2009 2:25:51 PM

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